

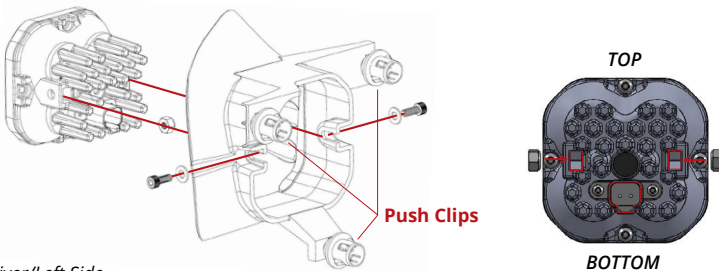
## RAM 1500 PLASTIC BUMPER

Thank you for your purchase of our new SS3 Ram Horizontal Foglight Kit. CAD-designed to use existing mounting points, this kit is compatible with the 2009-2012 Ram 1500 and 2010-2018 Ram HD. Basic installation instructions are included below.

COMPUTER DESIGNED  
**OEM FITMENT**



**INSTRUCTIONS BELOW ARE FOR THE RAM 1500 WITH PLASTIC BUMPER ONLY:**



*Driver/Left Side  
(opposite for passenger/right side)*

1. Install the supplied nuts into the pod housing with the nylon facing inward. Attach the bracket to the pod using the supplied screws and washers. Make sure the bracket is in the correct orientation. See diagrams above. Ensure that the screws are tightened such that the pod retains its position, but can pivot with force for aiming.



2. Using a trim removal tool, remove the four plastic push rivets along the top cover panel.



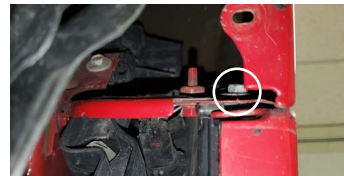
3. Using a 10mm socket, remove the four bolts along the top of the grill.



4. Using a trim removal tool, lift the two tabs located in the lower corners of the grill. Then pull the grill straight out.



5. Using a 8mm socket, remove the two bolts on the inner fender liner. Then use a Phillips-Head screwdriver and trim removal tool to remove the two plastic fasteners.



6. Gently pull the inner fender liner away from the bumper. Then use a 10mm socket to remove the bumper mounting screw from the inner fender.



7. Using a 10mm socket, remove the four bolts along the bottom of the bumper.

*Repeat steps 1 and 5 on the other side of the vehicle.*



8. Gently pull the bumper at both corners to release the clips located under the headlights. Then release the five tabs along the top of the bumper and pull straight out.



9. Remove the factory fog lamp by unplugging the harness. Then depress the tabs on the three push clips and pull the lamp straight out the front.

10. Install your new SS3 pod by pushing it directly into place. Be sure all three push clips seat fully, and are aligned correctly.

11. Plug the SS3 into the factory fog light harness using the included DT wire adapter. Test function. If the light does not turn on, try flipping the connector 180°.

If you purchased backlit SS3 pods, connect the backlight power wire to a fused 12V source to trigger the backlight feature (i.e. parking light or sidemarker); T-Taps are included for this purpose. Check local laws and regulations for on-road use of backlight feature.

**NOTE:** Power source must be fused. Do not connect directly to vehicle battery.

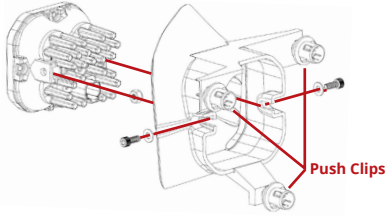
12. Repeat steps 9 through 11 on the other side of the vehicle.

13. Follow aiming instructions, steps 1 through 7, on the back of this installation guide to adjust and aim your fog lights.

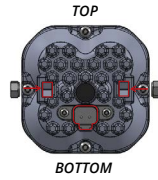
14. Reinstall the bumper, grill, and cover panel to complete installation.

**See back for aiming and steel bumper specific instructions.**

## INSTRUCTIONS BELOW ARE FOR THE RAM 1500 & HD WITH STEEL BUMPER ONLY:



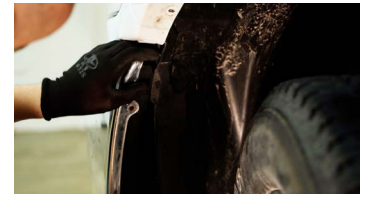
Driver/Left Side (opposite for passenger/right side)



1. Install the supplied nuts into the pod housing with the nylon facing inward. Attach the bracket to the pod using the supplied screws and washers. Make sure the bracket is in the correct orientation. See diagrams above. Ensure that the screws are tightened such that the pod retains its position, but can pivot with force for aiming.



2. Using a 10mm socket, remove the bolt on the inner fender liner.



3. Gently pull the inner fender liner away from the bumper to access your factory fog lights.



4. Unplug the factory fog light harness and remove the three 10mm bolts holding the bracket onto the back of the bumper.



5. Using a pair of needle nose pliers, gently pinch and disconnect the clip holding the factory fog light harness onto the bracket.

This clip will be reused.



6. Remove the factory fog light assembly from the bumper.



7. Using a pair of needle nose pliers, remove the plastic push clips holding the factory fog light onto the metal bracket.



8. Attach your new SS3 pod to the factory metal bracket. Be sure all three push clips seat fully, and are aligned correctly.



9. Reinstall the assembled SS3 pod and metal bracket onto the bumper using the three 10mm factory bolts.

10. Reattach the clip holding the factory fog light harness onto the metal bracket. Then plug the SS3 into the factory fog light harness using the included DT wire adapter. Test function. If the light does not turn on, try flipping the connector 180°.

If you purchased backlit SS3 pods, connect the backlight power wire to a fused 12V source to trigger the backlight feature (i.e. parking light or sidemarker); T-Taps are included for this purpose. Check local laws and regulations for on-road use of backlight feature.

**NOTE:** Power source must be fused. Do not connect directly to vehicle battery.

11. Repeat the steps on the other side of the vehicle.

12. Follow aiming instructions below to adjust and aim your fog lights.

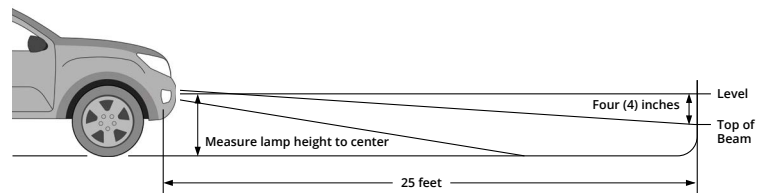
13. Reinstall the fender liner to complete installation.

### Aiming Instructions

1. Park your vehicle 25 feet away from a wall or garage door on a level surface.
2. Loosen the 5/32" allen bolts on each side of your SS3 pod, just enough to allow you to adjust the pod.
3. On your vehicle, measure the distance between the ground and the center of your SS3 pod. This is your mounting height.
4. Mark the mounting height on the wall or garage door using tape.
5. Add another piece of tape four inches below the mounting height. This is your fog light cutoff line.

6. Aim your SS3 pods on each side, so that the top of the beam pattern is on the cutoff line mark.

7. Tighten the 5/32" allen bolts back down. Do not overtighten or use power tools to torque them down.



### This installation guide is for the following SKUs:

SS3 Sport Ram Horizontal Kit White SAE Driving (DD6678 W/O BL, DD7075 ABL)  
 SS3 Sport Ram Horizontal Kit White SAE Fog (DD6679 W/O BL, DD7076 ABL)  
 SS3 Sport Ram Horizontal Kit Yellow SAE Fog (DD6680 W/O BL, DD7077 ABL)

SS3 Pro Ram Horizontal Kit White SAE Driving (DD6681 W/O BL, DD7078 ABL)  
 SS3 Pro Ram Horizontal Kit White SAE Fog (DD6682 W/O BL, DD7079 ABL)  
 SS3 Pro Ram Horizontal Kit Yellow SAE Fog (DD6683 W/O BL, DD7080 ABL)

SS3 Max Ram Horizontal Kit White SAE Fog (DD6714 W/O BL, DD7081 ABL)  
 SS3 Max Ram Horizontal Kit Yellow SAE Fog (DD6715 W/O BL, DD7082 ABL)